

## Message

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**From:** Western Wire [noreply=westernwire.net@mail252.suw101.mcdlv.net]  
on behalf of Western Wire [noreply@westernwire.net]  
**Sent:** 3/31/2018 2:59:41 PM  
**To:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group  
(FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]  
**Subject:** Western Wire: Mining The Future

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## Mining The Future

This week *Western Wire* [previews the 120th National Western Mining Conference](#), hosted by the Colorado Mining Association in Denver, Colo. next week. We sat down with leaders in the mining safety, technology, recruitment, and industry-higher education outreach to show how the industry is moving to adapt to a changing landscape of an aging workforce, heightened competition for talent, and the ever-present duty to ensure employee safety. From drones to outside-the-box innovation competitions and targeted recruitment to career development, the future of mining is now, according to the speakers in our feature piece.

**No More 'Secret Science':** With EPA Administrator Scott Pruitt [poised](#) to move his agency away from the policy of using "secret" studies that obstruct transparency by preventing data and methodology to be shared with other researchers and the public in general, critics have said he's moving away from science. Not so, say supporters, who believe the push for open and public discourse and the disclosure of study data will increase not only transparency but the quality of the studies that help the EPA determine regulatory actions that affect our lives and the economy. "It would be better if the data was just available. That's how science is supposed to be," Steve Milloy told *Western Wire*.

**You Say You Want A Revolution:** Well, you know, *Western Wire* takes a [look](#) at the competition sponsored by Stanford's Natural Gas Initiative that focuses on methane emissions identification through drone or truck and plane-mounted technologies. The Mobile Monitoring

Challenge aims to study methane emission detection and measurement with the competing companies and academic projects hoping to achieve commercial viability. "There's an enormous opportunity for utilization of unmanned aerial systems for detection and characterization of methane emissions in the oil and gas sector," said Andrew Aubrey, Ph.D., Founder and CEO at SeekOps, Inc.

Finally, the Bureau of Land Management's quarterly [lease sales](#) for 2018 opened quietly after a robust 2017. Nearly \$21.5 million in revenues was taken in across six Western states this month on leases that one Utah county planner called an "important contributor to a diversified county economy."

Here are *Western Wire's* headlines from the week...

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NEWS



## CMA Conference: The Future Of Mining Is Now

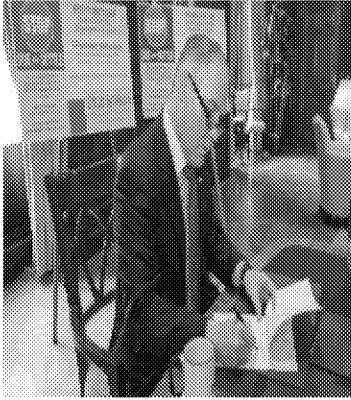
BY MICHAEL SANDOVAL AND ELENA CONNOLLY MARCH

27, 2018

The mining industry faces a tall order: adapt to a changing landscape of an aging workforce, heightened competition for talent, and the ever-present duty to ensure employee safety. According to those who speak next week, the industry is up to the task.

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ANALYSIS



From 'Secret Science' To 'Science In The Sunshine,' Pruitt's Push  
Opens EPA Transparency

BY MICHAEL SANDOVAL MARCH 30, 2018

Environmental Protection Agency (EPA) Administrator Scott Pruitt plans to halt the "secret science" underpinning his agency's regulations, opening a conversation about how studies can be weaponized in favor of onerous regulations without additional scrutiny and the transparency involved in determining how data and methodology are pursued or analyzed by outside researchers.

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NEWS



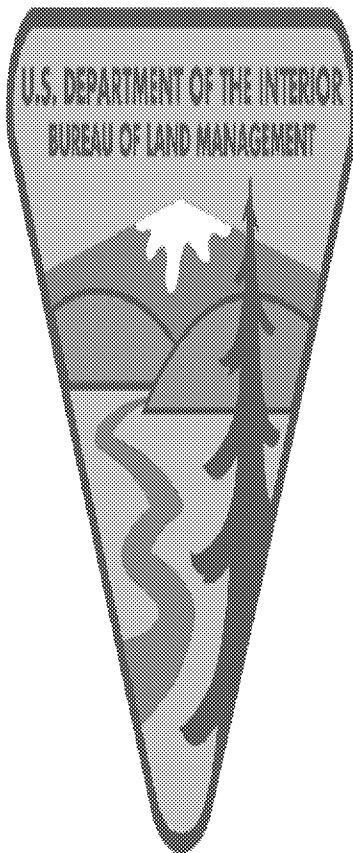
'Revolution In Gas-Sensing Technologies' Could Reshape  
Methane Emissions Detection In Mobile Monitoring Challenge

BY MICHAEL SANDOVAL MARCH 28, 2018

Twelve different technologies from 11 organizations from drones to plane and truck monitors aimed at detecting and measuring methane emissions have been selected to advance to the testing phase of the Mobile Monitoring Challenge, the competition's sponsors announced this week.

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NEWS



## BLM's First Quarterly Lease Sale Opens Quietly After Robust 2017

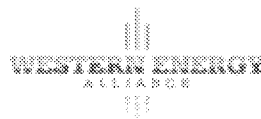
BY MICHAEL SANDOVAL MARCH 28, 2018

The Bureau of Land Management's first quarterly lease sale for oil and gas development on the agency's multiple-use lands in 2018 opened quietly after a robust showing in 2017 that saw Western states draw nearly \$350 million in receipts.



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